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... devices and add new **functionality**. Such a facility makes the network infrastructure very flexible since an agent can **extend** the **network device** capability on ...

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... resources are offloaded enabling Anti-Virus solutions to **extend functionality** in areas such ... to easily snap into server, appliance and **network device** based Anti ...

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... P-560 Hotspot-in-a-Box is a stand alone **network device** designed to ... with three different Software licenses allowing operators to **extend functionality** as their ...

www.gemtek-systems.com/pdf/p560.pdf - [Similar pages](#)

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... partners develop applications that **extend the functionality** ... offer best-in-class **functionality** and selects ... detailed visibility into **network device** changes and ...

www.tripwire.com/press/pr.cfm?prid=210 - 17k - Apr 7, 2004 - [Cached](#) - [Similar pages](#)

[Fast Path to Secure Systems Architectures and Network Designs](#)

... On a regular basis, audit these aspects of each **network device**: •, ... Provides the capability to **extend functionality** by adding third-party or custom software. ...

www.microsoft.com/technet/security/tips/sysarch.mspx - 42k - [Cached](#) - [Similar pages](#)

[Gigabit Ethernet Extended to Network Edge With New ProCurve ...](#)

... line of Gigabit Ethernet solutions that **extend** the reach ... Plus offers all of the **functionality** of HP ... without having to access each **network device** individually. ...

www.enterprisenetworksandservers.com/monthly/art.php/359 - 21k - [Cached](#) - [Similar pages](#)

[Network Device Management Software - Software, Hardware, Services ...](#)

... Your search for Keyword: **Network Device Management Software** ... 31, 2004 - DEVELOPING APPLICATIONS TO EXTEND YOUR DATA ... a high degree of **functionality** is desired. ...

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[Zvon - RFC 3670 \[Information Model for Describing Network Device ...](#)

... the data forwarding path of a host or **network device**. ... association) to indicate that its **functionality** underlies that ... Implementations are free to **extend** this (eg ...

www.zvon.org/tmRFC/RFC3670/Output/chapter4.html - 101k - [Cached](#) - [Similar pages](#)

[F5 Networks - iControl Benefits](#)

... Servers and Reduce Management Touchpoints For teams wishing to centralize **network device** management from their ... **Extend Network Functionality** and Net ...

www.f5.com/f5products/iControl/benefits.html - 14k - [Cached](#) - [Similar pages](#)

[Cisco - Cisco Internet OSS Programmable Network Solutions](#)

... is a new form of **network device** that provides an ... existing service offerings with new **functionality** such as ... Cisco is working to **extend** the Configuration Express ...

www.cisco.com/warp/public/cc/pd/nemnsw/2100/prodlist/ae21_wp.htm - 22k - [Cached](#) - [Similar pages](#)

Publications

Architecture Documents

- Architectural Framework for Active Networks ([ps](#), [pdf](#)), Ken Calvert, editor.
- Composable Services for Active Networks ([ps](#), [pdf](#)), Ellen Zegura, editor.

Papers and Presentations

Active Reliable Multicast on CANEs: A Case Study.

M. Sanders, M. Keaton, S. Bhattacharjee, K. Calvert, S. Zabele and E. Zegura,
Proceedings of IEEE OpenArch 2001, Anchorage, Alaska, April 2001.
Paper: [ps](#), [pdf](#) Talk: [ps](#), [pdf](#)

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S. Merugu, S. Bhattacharjee, E. Zegura and K. Calvert,
Proceedings of IEEE Infocom 2000, Tel Aviv, Israel, March 2000.
Paper: [ps](#), [pdf](#) Talk: [ps](#), [pdf](#)

Exposing the network: Support for topology sensitive applications.

Y. Chae, S. Merugu, E. Zegura and S. Bhattacharjee,
Proceedings of IEEE OpenArch 2000, Tel Aviv, Israel, March 2000.
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Invited paper at *37th Annual Allerton Conference*, Monticello, IL, Sept 1999.
Paper: [ps](#), [pdf](#)

Reasoning About Active Network Protocols.

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Proceedings of ICNP '98, Austin, TX, October 1998.
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Extended version of paper: [ps](#), [pdf](#)

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S. Bhattacharjee, K. Calvert and E. Zegura,
Proceedings of ICC '98, Atlanta, GA, 1998.

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Active Networking and End-to-End Arguments.

S. Bhattacharjee, K. Calvert and E. Zegura,
IEEE Network Magazine, 1998.

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Directions in Active Networks.

K. Calvert, S. Bhattacharjee, E. Zegura and J. Sterbenz,
IEEE Communications Magazine, 1998.

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Performance of Application-Specific Buffering Schemes for Active Networks.

S. Bhattacharjee, M. W. McKinnon,
Technical Report GIT-CC-98-17, College of Computing, Georgia Tech

Paper: [ps](#), [pdf](#)

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S. Bhattacharjee, K. Calvert and E. Zegura,
Proceedings of ICNP '97, Atlanta, GA, October 1997.

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An Architecture for Active Networking.

S. Bhattacharjee, K. Calvert and E. Zegura,
Proceedings of High Performance Networking (HPN'97), White Plains, NY, April 1997.

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On Active Networking and Congestion.

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Technical Report GIT-CC-96-02, College of Computing, Georgia Tech, 1996.

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Presentations

Team 4 Demonstration Presentation.

Presented at *DARPA AN PI Meeting*, Atlanta, GA, December 2000.

Talk: [ppt](#)

Composable Active Network Elements: Lessons Learned.

E. Zegura and K. Calvert,
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K. Calvert, E. Zegura, and S. Bhattacharjee,

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Talk: [ps, pdf](#)

A talk on ANSWER, our active network simulator is available here: [ps, pdf](#)

A talk on LIANE, a composition mechanism for active networks is available here: [ps, pdf](#)

A talk on CoD (Control on Demand), an active networking platform co-developed by Samrat Bhattacharjee at AT&T Labs is available here: [ps, pdf](#)

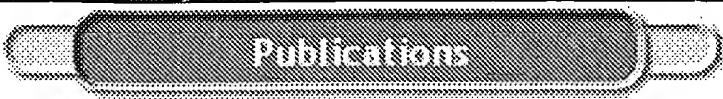
Project Status Reports

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- [Quarterly Report 13: 6/11/00-9/11/00](#)
- [Quarterly Report 14: 9/11/00-12/11/00](#)

Minutes from Meetings

- [Minutes from Active Network Architecture Meeting](#), November 14, 1997, Atlanta, GA.
- [Minutes from Composable Services Meeting](#), March 9-10, 1998, Tucson, AZ.

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- *Towards Programmable Networks* , Y. Yemini and S. da Silva. *IFIP/IEEE International Workshop on Distributed Systems: Operations and Management*, L'Aquila, Italy, October, 1996.
 - The paper in [Postscript](#) or [Acrobat](#) .
 - [Slides and notes](#) from the talk.
- DARPA Active Networks Workshop, University of Pennsylvania, Philadelphia, PA, June 10-12, 1997.
 - [Slides from our presentation](#).
- DARPA Active Networks Workshop, Tucson, AZ, March 9-10, 1998.
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- [NetScript Tutorial](#), Sushil da Silva, Version 0.10, October 1998.
- *The Network Flow Language: A Mark-based Approach to Active Networks*, Y. Yemini, S. da Silva, D. Florissi, and H. Huang, Technical Report, Columbia University Computer Science Department, July 1999.

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